

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A compression apparatus comprising:
  - a sleeve configured for disposal about a limb,
  - the sleeve including a first portion defining a first expandable chamber and a second portion defining a second expandable chamber and a third expandable chamber,
  - the second portion including a connector in fluid communication with a pressurized fluid source and the first expandable chamber, the second expandable chamber and the third expandable chamber thereby facilitating fluid communication between the pressurized fluid source and the chambers,
  - the first portion of the sleeve being removable from the second portion of the sleeve, and
  - perforations in the sleeve along which the sleeve may be torn to remove the thigh portion of the sleeve from the calf portion of the sleeve.
2. (Cancelled)
3. (Original) A compression apparatus as recited in claim 1, wherein the first portion is configured for disposal about a first part of the limb and the second portion is configured for disposal about a second part of the limb.
4. (Original) A compression apparatus as recited in claim 1, wherein the second expandable chamber is disposed with the second portion for disposal about a second part of the limb and the third expandable chamber is disposed with the second portion for disposal about a third part of the limb.
5. (Original) A compression apparatus as recited in claim 1, wherein the first expandable chamber defines at least one sub-chamber.

6. (Original) A compression apparatus as recited in claim 5, wherein the second expandable chamber defines at least one sub-chamber.
7. (Original) A compression apparatus as recited in claim 6, wherein the third expandable chamber defines at least one sub-chamber.
8. (Original) A compression apparatus as recited in claim 1, wherein the sleeve defines at least one ventilation opening.
9. (Original) A compression apparatus as recited in claim 8, wherein the at least one opening includes openings formed in a surface of the expandable chambers.
10. (Original) A compression apparatus as recited in claim 8, wherein the at least one opening includes a slit disposed between the second expandable chamber and the third expandable chamber.
11. (Original) A compression apparatus as recited in claim 1, wherein the connector communicates with the chambers via a tubular pathway.
12. (Original) A compression apparatus as recited in claim 11, wherein the tubular pathway of the first expandable chamber is removable from the connector.
13. (Original) A compression apparatus as recited in claim 1, wherein a pressurized fluid is delivered to the chambers for expansion thereof in a sequential time interval such that the first expandable chamber is expanded for 2.5 seconds, then the second expandable chamber is expanded for 3.0 seconds and then the third expandable chamber is expanded for 5.5 seconds.
14. (Original) A compression apparatus as recited in claim 1, wherein the chambers are simultaneously contracted.

15. (Currently amended) A compression apparatus comprising:

a sleeve configured to wrap about a leg and defining a plurality of ventilation openings,

the sleeve including a thigh portion defining a first inflatable chamber having sub-chambers, the sleeve further including a calf portion defining a second inflatable chamber having sub-chambers and an ankle portion defining a third inflatable chamber having sub-chambers,

the calf portion of the sleeve including a valve connector that fluidly communicates both a pressurized fluid source and the chambers via a tubular pathway to facilitate inflation of the chambers,

the thigh portion of the sleeve being removably connected to the calf portion of the sleeve via ~~a perforated attachment~~ perforations in the sleeve along which the sleeve may be torn to remove the thigh portion from the calf portion, and the tubular pathway of the first inflatable chamber being removable from the valve connector when the thigh portion is removed from the calf portion.

16. (Original) A compression apparatus as recited in claim 15, wherein the sleeve further includes a ventilation slit disposed between the second inflatable chamber and the third inflatable chamber.

17. (Original) A compression apparatus as recited in claim 15, wherein a pressurized fluid is delivered to the chambers such that the first inflatable chamber is inflated for 2.5 seconds, then the second inflatable chamber is inflated for 3.0 seconds, then the third inflatable chamber is inflated for 5.5 seconds and then the chambers are deflated simultaneously.

18. (Currently amended) A method of performing compression on a limb of a body comprising the steps of:

providing a sleeve configured for disposal about the limb, the sleeve including a first portion defining a first inflatable chamber and a second portion defining a second inflatable chamber and a third inflatable chamber, the second portion including

a connector in fluid communication with a pressurized fluid source and the chambers thereby facilitating fluid communication between the pressurized fluid source and the chambers, the first portion being removable from the second portion;

disposing the sleeve about the limb;

delivering pressurized fluid to the first inflatable chamber;

delivering pressurized fluid to the second inflatable chamber;

delivering pressurized fluid to the third inflatable chamber;

deflating the chambers; and

removing the first portion of the sleeve from the second portion of the sleeve by tearing the sleeve along perforations in the sleeve.

19. (Original) A method of performing compression as recited in claim 18, wherein the steps of delivering are each performed for a duration of between 2.5 and 5.5 seconds.

20. (Original) A method of performing compression as recited in claim 18, wherein the step of removing includes disconnecting the first inflatable chamber from the connector.

21. (Cancelled)

22. (Currently amended) A compression apparatus comprising:

an expandable sleeve configured for disposal about a leg, the sleeve extending a length from below a knee of the leg to above the knee, wherein the sleeve is convertible from the length extending from below the knee to above the knee, to a length extending solely below the knee by tearing a thigh portion of the sleeve from a calf portion of the sleeve.

23. (Cancelled)

24. (Currently amended) A compression apparatus as recited in claim [[23]] 22, ~~wherein the first portion is connected to the sleeve via perforations~~ further comprising

perforations in the sleeve along which the sleeve may be torn to remove the thigh portion of the sleeve from the calf portion of the sleeve.

25. (Currently amended) A method of performing compression on a limb of a body comprising the steps of:

- providing an expandable sleeve configured for disposal about a leg;
- disposing the sleeve about the limb such that the sleeve extends a length from below a knee of the leg to above the knee;
- delivering pressurized fluid to the sleeve;
- deflating the sleeve; and
- converting the sleeve from the length extending from below the knee to above the knee, to a length extending solely below the knee by tearing the sleeve along perforations in the sleeve.

26. (Original) A method of performing compression as recited in claim 25, wherein the step of disposing the sleeve about the limb such that the sleeve extends a length from below a knee of the leg to above the knee includes a first portion of the sleeve being disposed about a thigh of the leg.

27. (Cancelled)

28. (New) A compression apparatus as recited in claim 1, further comprising

first tubing extending from the connector and fluidly connecting to the first expandable chamber,

second tubing extending from the connector and fluidly connecting to the second expandable chamber,

third tubing extending from the connector and fluidly connecting to the third expandable chamber,

said first tubing comprising a quick disconnect port permitting easy removal of the first tubing from the connector when the first portion of the sleeve is removed from the second portion of the sleeve, said second tubing and said third tubing remaining attached to the connector when the first portion of the sleeve is removed from the second portion of the sleeve.

29. (New) A compression apparatus comprising:

a sleeve configured for disposal about a limb,

the sleeve including a first portion defining a first expandable chamber and a second portion defining a second expandable chamber and a third expandable chamber,

the second portion including a connector in fluid communication with a pressurized fluid source and the first expandable chamber, the second expandable chamber and the third expandable chamber thereby facilitating fluid communication between the pressurized fluid source and the chambers,

the first portion of the sleeve being removable from the second portion of the sleeve,

first tubing extending from the connector and fluidly connecting to the first expandable chamber,

second tubing extending from the connector and fluidly connecting to the second expandable chamber,

third tubing extending from the connector and fluidly connecting to the third expandable chamber,

said first tubing comprising a quick disconnect port permitting easy removal of the first tubing from the connector when the first portion of the sleeve is removed from the second portion of the sleeve, said second tubing and said third tubing remaining attached to the connector when the first portion of the sleeve is removed from the second portion of the sleeve.